

DIVISION 06

**WOODS, PLASTICS AND
COMPOSITES**

Part 1 General

1.1 REFERENCE STANDARDS

- .1 Canadian Standards Association (CSA)
- .2 CSA B111 - Wire Nails, spikes and Staples.
- .3 CAN/CSA O141 - Softwood Lumber.
- .4 CSA O151 - Canadian Softwood Plywood.
- .5 National Lumber Grades Authority (NLGA)
- .6 Standard Grading Rules for Canadian Lumber.

1.2 QUALITY ASSURANCE

- .1 Lumber identification: by grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.
- .2 Plywood in accordance with CSA standards.

Part 2 Products

2.1 MATERIALS

- .1 Lumber: unless specified otherwise, softwood, S4S, moisture content 19% (S-dry) or less in accordance with CAN/CSA-O141 - Softwood Lumber; NLGA Standard Grading Rules for Canadian Lumber.
- .2 Furring, blocking, nailing strips: SPF species, "Standard" or better grade.
- .3 Canadian softwood plywood (CSP): to CSA 0151, standard construction.
- .4 Nails, spikes and staples: to CSA B111 and NBC requirements, hot dip galvanized finish.
- .5 Proprietary fasteners: toggle bolts, expansion shields and lag bolts, screws and lead plugs, recommended for purpose by manufacturer, corrosion resistant finish.

Part 3 Execution

3.1 INSTALLATION

- .1 Comply with requirements of NBC, Part 9. Install members true to line, levels and elevations. Space uniformly. Construct continuous members from pieces of longest practical length.
- .2 Frame, anchor, fasten, tie and brace members to provide necessary strength and rigidity.
- .3 Countersink bolts where necessary to provide clearance for other work. Use fastenings of following types, except where specific type is indicated:
 - .1 To hollow masonry, panel surfaces use toggle bolt.
 - .2 To solid masonry and concrete use expansion shield with lag screw, lead plug with wood screw.

- .3 To structural steel use bolts through drilled hole, or welded stud-bolts or power driven self-drilling screws, or welded stud-bolts or explosive actuated stud-bolts.

3.2 EQUIPMENT BACKBOARDS

- .1 Plywood backboards: CSP, veneer core, G1S grade, square edge, 16 mm thick.
- .2 Install plywood backboards on 38 x 38 mm wood strapping along vertical edges and at 600 mm on centre for large boards

END OF SECTION